

Abstract

5 The invention relates to a device for inspecting test objects, comprising an X-ray tube which has a small field of view compared to the horizontal dimension of the test object being inspected, and a detector which has a small field of view compared to the horizontal extent of the test object being examined. The X-ray tube and the detector are moved within the X-Y plane so that the test object remains in a fixed position during the inspection process and the whole of the area to be tested can be inspected. The device according to the invention presents advantages when used for fully-automatic, 100% X-ray inspection of soldered joints on printed circuit boards.

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